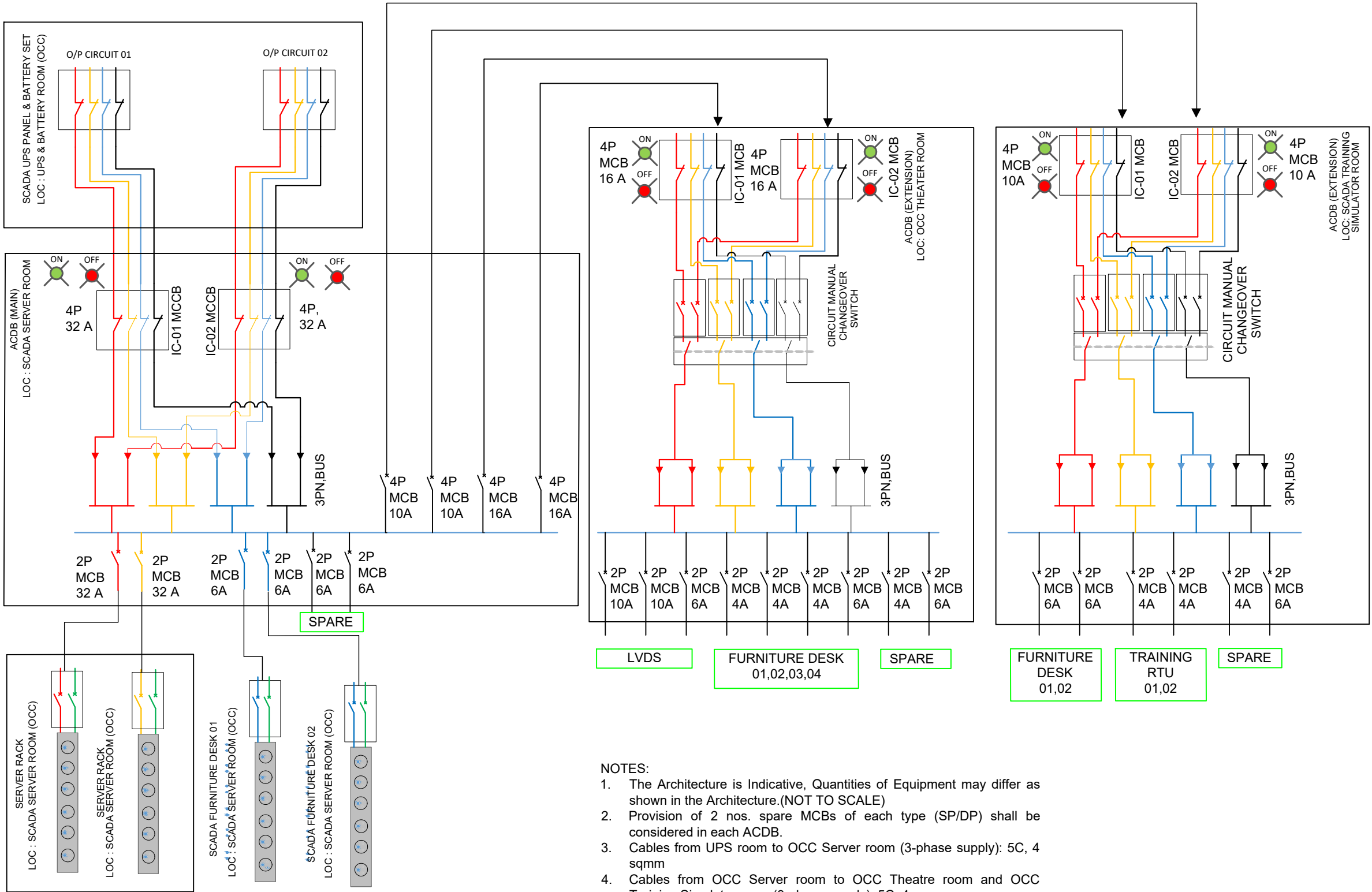


SCADA POWER DISTRIBUTION DRAWING (OCC)



SYMBOL	DESCRIPTION
	NEUTRAL
	R-PHASE
	Y-PHASE
	B- PHASE

- NOTES:
- The Architecture is Indicative, Quantities of Equipment may differ as shown in the Architecture.(NOT TO SCALE)
 - Provision of 2 nos. spare MCBs of each type (SP/DP) shall be considered in each ACDB.
 - Cables from UPS room to OCC Server room (3-phase supply): 5C, 4 sqmm
 - Cables from OCC Server room to OCC Theatre room and OCC Training Simulator room (3-phase supply): 5C, 4 sqmm
 - Cables from OCC server room ACDB to Server rack (1-phase supply): 3C, 4 sqmm
 - Cables for all other outgoing feeders from ACDB to LVDS, Furniture, Training RTU etc. (1-phase supply): 3C, 2.5 sqmm

- NOTES:
- ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
 - ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
 - ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
 - INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

REV	DATE	DESCRIPTION	Originator	Checked	Approved
R0	12-08-2024	FIRST SUBMISSION	IA	NK	SK

APPROVAL BY K RIDE

DM / ELE / KRIDE Sr. DGM / ELE / KRIDE AGM / ELE / KRIDE

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.

EGIS-AECOM-WSP

Senior Discipline Expert Chief Discipline Expert Project Director

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.

Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP

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FOR TENDER PURPOSE ONLY

Client:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
Project Title:	Bengaluru Suburban Rail Project (BSRP) (Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)
Corridor-2	(Benniganahalli -Soladevanahalli)
Drawing Title:	SCADA POWER DISTRIBUTION DRAWING (OCC)
Paper Size:	A3
Discipline:	Electrical
Date:	12/08/2024
Scale:	NTS
Drawing no.:	KRDD-01-TDR-GEN-GEN-SCADA-DWG-00003
Revision:	R0